



Patent  
PD-03W116

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: ) Date: June 22, 2005  
KENNETH W. BROWN )  
Serial No.: 10/796,927 ) Art Unit: 2821  
Filed: March 10, 2004 )  
Title: SYSTEM AND LOW-LOSS ) Examiner:  
MILLIMETER-WAVE CAVITY-BACKED  
ANTENNAS WITH DIELECTRIC AND  
AIR CAVITIES

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Post Office Box 1450  
Alexandria, VA 22313

Dear Sir:

The references cited on the enclosed form PTO/SB/08A/08B (copies of references enclosed) may be material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37CFR 1.56.

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I hereby certify that each item in the Search Report was cited by a foreign patent office, in a counterpart foreign application, not more than three (3) months prior to the filing of this Statement.

Respectfully submitted,

KENNETH W. BROWN

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*I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First-Class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313, on June 22, 2005.*





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Sheet	01	of	02
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**Complete if Known**

Application Number	10/796,927
Filing Date	March 10, 2004
First Named Inventor	Kenneth W. Brown
Art Unit	2821
Examiner Name	
Attorney Docket Number	PD-03W116

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Application Number</b>		10/796,927	
		<b>Filing Date</b>		March 10, 2004	
		<b>First Named Inventor</b>		Kenneth W. Brown	
		<b>Art Unit</b>		2821	
		<b>Examiner Name</b>			
<b>Sheet</b>	02	<b>of</b>	02	<b>Attorney Docket Number</b>	PD-03W116

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	GUREL C.S. ET AL: "Modified Resonant Frequency Calculation for Two-Layered Circular Patch Microstrip Antenna" AEU International	
		Journal of Electronics and Communications, Elsevier, JENA, DE, Vol. 53, No. 3, 1999, pages 155-157, XP000927977, ISSN: 1434-8411, Fig. 1	
	2	BIALKOWSKI, M.E. ET AL.: "Investigations Into A Power-Combining Structure Using A Reflect Array of Dual-Feed Aperture-Coupled Micro-	
		strip Patch Antennas" IEEE Transactions on Antennas and Propagation, IEEE Inc. New York, US, Vol. 50, No. 6, June 2002, pages 841-849,	
		XP001123069, ISSN: 0018-026X, Abstract paragraphs '00III, '000V!, Figs. 1, 5	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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